

# Register list for 3 new names including *Phosphoribacter* gen. nov.

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Table 1: Complete list of names proposed in the current register list.

Proposed Taxon	Etymology	Description	Parent Taxon	Type	Registry URL
Genus <i>Phosphoribacter</i>	[Phos.pho.ri.bac'ter] L. <b>masc. n.</b> <i>phosphorus</i> , phosphorus; N.L. <b>masc. n.</b> <i>bacter</i> , a rod; N.L. <b>masc. n.</b> <i>Phosphoribacter</i> , a rod shaped bacteria that stores phosphate	Rod shaped bacterial genus from sludge. Likely utilizes a range of substrates including sugars and amino acids, is capable of polyphosphate accumulation and cycling.	<i>Dermatophilaceae</i>	<i>Phosphoribacter baldrii</i> <sup>TS</sup>	<a href="https://seqco.de/i:23422">seqco.de/i:23422</a>
Species <i>Phosphoribacter baldrii</i> <sup>TS</sup>	[bal.dri'i] N.L. <b>gen. n.</b> <i>baldrii</i> , of Baldr, Norse god twin of Hodr, indicating the close relationship of the 16S rRNA gene sequence for <i>Phosphoribacter baldrii</i> and <i>Phosphoribacter hodrii</i>	Rod shaped cells 0.4-0.7 x 1-1.7 µm (diameter x length), usually organized in microcolonies embedded in the structure of the floc. Likely utilizes a range of substrates including sugars and amino acids, is capable of polyphosphate accumulation and cycling, with the distinction of potential ethanolamine use	<i>Phosphoribacter</i>	NCBI Assembly: GCA_016704565.1 <sup>TS</sup>	<a href="https://seqco.de/i:42457">seqco.de/i:42457</a>
Species <i>Phosphoribacter hodrii</i>	[ho.dri'i] N.L. <b>gen. n.</b> <i>hodrii</i> , of Hodr, Norse god twin of Baldr, indicating the close relationship of the 16S rRNA gene sequence for <i>Phosphoribacter hodrii</i> and <i>Phosphoribacter baldrii</i>	Rod shaped bacterial species from sludge. Likely utilizes a range of substrates including sugars and amino acids, is capable of polyphosphate accumulation and cycling.	<i>Phosphoribacter</i>	NCBI Assembly: GCA_016707175.1 <sup>TS</sup>	<a href="https://seqco.de/i:42133">seqco.de/i:42133</a>